Improvements toRoads and drains at Kempanna Layout, Hanuman Layout and Sriarchid Layout in ward no 10 Doddabommasandra Vidyaranyapura Sub Division

EMB

FIRST AND FINAL BILL

MEASUREMENT SHEET

BRUHAT BANGALORE MAHANAGARA PALIKE

NAME OF WORK:- Improvements to Roads and Drains at Kempanna Layout, Hanuman Layout and Sriarchid Layout in Ward No. 10 (Doddabommasandra), Vidyaranyapura Sub Division.

MEASUREMENT SHEET

FIRST AND FINAL BILL

Measurements Taken On : 31/07/21.

Chainage From	Chainage To	Description of Item	Unit	No	Length (m)	Breadth B1	Breadth B2	Breadth Avg B	Depth (m)	Quantity	Rate in RS.	Amount in RS.
Item no.01		**Earthwork excavation by manual means for roads, drains & similar works in ordinary soil excavated surface levelled and sides neatly dressed, the disposed earth to be levelled neatly after breaking of clods complete as per specifications and as per the directions of the Engineer-in-charge of the work .**										
			Cum									
		Vide Total executed Quantity from premeasuremet Page no.								140.22		
										Total Executed Qty 140.22		
										Tender Qty 142.16		
										Now to be Paid 140.22	140.00	19631.00
Item no.02		**Removing and refixing stone slabs of drains and pointing in CM (1:3) and as per the directions of the Engineer-in-charge of the work .**										
			Sqm									
		Vide Total executed Quantity from premeasuremet Page no.								467.46		
										Total Executed Qty 467.46		
										Tender Qty 473.85		
										Now to be Paid 467.46	100.00	46746.00
Item no.03		**Providing and laying in position plain cement concrete of Mix 1:4:8 with OPC @ 180kgs, with 40mm and down size graded granite metal coarse aggregates @0.85cum and fine aggregates @ 0.57cum machine mixed, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation, including cost of all materials, labour, HOM curing complete as per specifications. and as per the directions of the Engineer-in-charge of the work.**										
			Cum									
		Vide Total executed Quantity from premeasuremet Page no.								72.16		
										Total Executed Qty 72.16		
										Tender Qty 72.33		
										Now to be Paid 72.16	3000.00	216476.00
Item no.04		**Providing and Fixing pre cast covering Slab made out of CC 1:2:4 with 10cm thick and Finishing cutting ,including form work,curing,including cost of alll materials, labour,hire charges of machinery, loading, unloading, lead and lift,transportation etc ,copmplete. and as per the directions of the Engineer-in-charge of the work.**										
Measurements Taken On												
		MuneshwaraSwami layout										
		1st Main Road										
		From mahesh memorial School To # 12 Sannidhi House										
		LHS										
0	2		Sqm	1	2.00	0.90	0.90	0.90		1.80		
12.9	16		Sqm	1	3.10	0.90	0.90	0.90		2.79		
28	30		Sqm	1	2.00	0.90	0.90	0.90		1.80		
37	39.9		Sqm	1	2.90	0.90	0.90	0.90		2.61		
		RHS										
		From mahesh memorial School To # 12 Sannidhi House										
0	3		Sqm	1	3.00	0.90	0.90	0.90		2.70		
14	17		Sqm	1	3.00	0.90	0.90	0.90		2.70		
27.2	30		Sqm	1	2.80	0.90	0.90	0.90		2.52		

16.92

ASSISTANT EXECUTIVE ENGINEER
Vidyaranyapura Sub-Division
Bruhath Bengaluru Mahanagara Palike

Contractor

Assistant Engineer

Assistant Executive Engineer

MEASUREMENT SHEET
FIRST AND FINAL BILL

Measurements Taken On : 31/07/21

Chainage From	Chainage To	Description of Item	Unit	No	Length (m)	Breadth B1	Breadth B2	Breadth Avg B	Depth (m)	Quantity	Rate in RS.	Amount in RS.
		1st Main Road										
		From House No 15 to G.A Medical Shop										
		LHS										
0	2		Sqm	1	2.00	0.90	0.90	0.90		1.80		
12	16		Sqm	1	4.00	0.90	0.90	0.90		3.60		
28.5	32		Sqm	1	3.50	0.90	0.90	0.90		3.15		
43.2	46		Sqm	1	2.80	0.90	0.90	0.90		2.52		
58	60		Sqm	1	2.00	0.90	0.90	0.90		1.80		
73	75		Sqm	1	2.00	0.90	0.90	0.90		1.80		
85	91		Sqm	1	6.00	0.90	0.90	0.90		5.40		
102	106.25		Sqm	1	4.25	0.90	0.90	0.90		3.83		
		RHS										
		From House No 15 to G.A Medical Shop										
0	4		Sqm	1	4.00	0.90	0.90	0.90		3.60		
12	15		Sqm	1	3.00	0.90	0.90	0.90		2.70		
28	30.2		Sqm	1	2.20	0.90	0.90	0.90		1.98		
43	47		Sqm	1	4.00	0.90	0.90	0.90		3.60		
58	60		Sqm	1	2.00	0.90	0.90	0.90		1.80		
72	76		Sqm	1	4.00	0.90	0.90	0.90		3.60		
88	90		Sqm	1	2.00	0.90	0.90	0.90		1.80		
97	101		Sqm	1	4.00	0.90	0.90	0.90		3.60		
		1st main to 2nd Main Connecting Road										
		From 1st main to 2nd main Road										
		LHS										
0	3		Sqm	1	3.00	0.90	0.90	0.90		2.70		
14	16		Sqm	1	2.00	0.90	0.90	0.90		1.80		
24.9	26.5		Sqm	1	1.60	0.90	0.90	0.90		1.44		
		5th Cross Road										
		From Lakshmi Nivas to #15 Narayan Swamy Nilaya										
		LHS										
0	3		Sqm	1	3.00	0.90	0.90	0.90		2.70		
14	16		Sqm	1	2.00	0.90	0.90	0.90		1.80		
27	30		Sqm	1	3.00	0.90	0.90	0.90		2.70		
42.6	45		Sqm	1	2.40	0.90	0.90	0.90		2.16		
57	62		Sqm	1	5.00	0.90	0.90	0.90		4.50		
73	78		Sqm	1	5.00	0.90	0.90	0.90		4.50		
88	92		Sqm	1	4.00	0.90	0.90	0.90		3.60		
103	105		Sqm	1	2.00	0.90	0.90	0.90		1.80		
117	120		Sqm	1	3.00	0.90	0.90	0.90		2.70		
127	130.1		Sqm	1	3.10	0.90	0.90	0.90		2.79		
		RHS										
		From Lakshmi Nivas to #15 Narayan Swamy Nilaya										
0	4		Sqm	1	4.00	0.90	0.90	0.90		3.60		
13	15		Sqm	1	2.00	0.90	0.90	0.90		1.80		
27	33		Sqm	1	6.00	0.90	0.90	0.90		5.40		

CAFE

ASSISTANT EXECUTIVE ENGINEER
Vidyaranyapura Sub-Division
Bruhath Bengaluru Mahanagara Palike

1112.19

Contactor

Assistant Engineer

Assistant Executive Engineer

MEASUREMENT SHEET
FIRST AND FINAL BILL

Measurements Taken On :

Chainage From	Chainage To	Description of Item	Unit	No	Length (m)	Breadth B1	Breadth B2	Breadth Avg B	Depth (m)	Quantity	Rate in RS.	Amount in RS.
42	45		Sqm	1	3.00	0.90	0.90	0.90		2.70		
58.6	60		Sqm	1	1.40	0.90	0.90	0.90		1.26		
72	75		Sqm	1	3.00	0.90	0.90	0.90		2.70		
87	91		Sqm	1	4.00	0.90	0.90	0.90		3.60		
103	107		Sqm	1	4.00	0.90	0.90	0.90		3.60		
118	120		Sqm	1	2.00	0.90	0.90	0.90		1.80		
127	130.1		Sqm	1	3.10	0.90	0.90	0.90		2.79		
		Cross Road										
		From #23 Dwaraka House to #8 Halcyon Nest House										
		LHS										
0	2		Sqm	1	2.00	0.90	0.90	0.90		1.80		
13	15		Sqm	1	2.00	0.90	0.90	0.90		1.80		
27	32		Sqm	1	5.00	0.90	0.90	0.90		4.50		
43	45		Sqm	1	2.00	0.90	0.90	0.90		1.80		
59.7	65		Sqm	1	5.30	0.90	0.90	0.90		4.77		
		RHS										
		From #23 Dwaraka House to #8 Halcyon Nest House										
0	5		Sqm	1	5.00	0.90	0.90	0.90		4.50		
13	15.1		Sqm	1	2.10	0.90	0.90	0.90		1.89		
28	30		Sqm	1	2.00	0.90	0.90	0.90		1.80		
43	45		Sqm	1	2.00	0.90	0.90	0.90		1.80		
55	58.5		Sqm	1	3.50	0.90	0.90	0.90		3.15		
		Missing Slab										
			Sqm	4	0.90	0.60	0.60	0.60		2.16		
										Total Executed Qty	**157.91**	
										Tender Qty	**157.95**	
										Now to be Paid	**157.91**	**1800.00**	**284229.00**

Item no.05	**Excavation for roadwork in all types of soil by mechanical means including cutting and loading to tippers, trimming bottom and side slopes, in accordance with requirements of lines, grades and cross sections, and transportation with a lead of 1.00 km and complete as per specifications and as per the directions of the Engineer-in-charge of the work.**												
		Cum											
		Vide Total executed Quantity from premeasuremet Page no.									**110.17**		
										Total Executed Qty	**110.17**		
										Tender Qty	**110.53**		
										Now to be Paid	**110.17**	**50.00**	**5509.00**

Item no.06	**Providing, laying, spreading and compacting cushed stone aggregates of granite / trap / basalt to wet mix macadam specifications including pre mixing the material with water at OMC in mechanical mix plant carriage of mixed materials by tipper to site, laying in uniform layers with paver in sub-base/base course on well prepared surface and compacting with vibratory roller to achieve the desired density complete as per specifications and as per the directions of the Engineer-in-charge of the work.**												
		Cum											
		Vide Total executed Quantity from premeasuremet Page no.									**38.01**		
										Total Executed Qty	**38.01**		
										Tender Qty	**38.20**		
										Now to be Paid	**38.01**	**1500.00**	**57012.00**

ASSISTANT EXECUTIVE ENGINEER
Advarakuppura Sub-Division
Bruhath Bengaluru Mahanagara Palike

Contractor

Assistant Engineer

Assistant Executive Engineer

MEASUREMENT SHEET
FIRST AND FINAL BILL

Measurements Taken On :

Chainage From	Chainage To	Description of Item	Unit	No	Length (m)	Breadth B1	Breadth B2	Breadth Avg B	Depth (m)	Quantity	Rate in RS.	Amount in RS.
Item no.07		Cleaning the existing WBM Road surface including removing of binding materials and other foreign matter with wire brushes and small picks sweeping with brooms or soft brushes and finally dusting with old gunny bags and bar or compressed air to receive bituminous treatment including cost of all materials, labhour, HOM of machineries complet as per specifications and as per the directions of the Engineer-in-charge of the work.										
			Sqm									
		Vide Total executed Quantity from premeasuremet Page no.								457.60		
									Total Executed Qty	457.60		
									Tender Qty	458.22		
									Now to be Paid	457.60	10.00	4576.00
Item no.08		Providing and applying primer coat with S.S. bitumen emulsion on prepared surface of granular base such as WMM including cleaning of road surface and spraying primer at the rate of 0.60 kg / sqm using mechanical means complete as per specifications and as per the directions of the Engineer-in-charge of the work.										
			Sqm									
		Vide Total executed Quantity from premeasuremet Page no.								457.60		
									Total Executed Qty	457.60		
									Tender Qty	458.22		
									Now to be Paid	457.60	20.00	9152.00
Item no.09		Providing and laying dense graded bituminous macadam using crushed aggregates of specified grading, premixed with VG30 grade bituminous binder and, transporting the hot mix to work site, laying to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction in all respects complete as per specifications and as per the directions of the Engineer-in-charge of the work.										
			Cum									
		Vide Total executed Quantity from premeasuremet Page no.								22.88		
									Total Executed Qty	22.88		
									Tender Qty	22.91		
									Now to be Paid	22.88	3000.00	68640.00
Item no.10		Cleaning the existing black topped surface with brooms,soft brushes and finally dusting with old gunny bags and/or compressed air to receive bituminous treatment including cost of all materials,labhour, HOM of machineries complete as per specifications. and as per the directions of the Engineer-in-charge of the work										
			Sqm									
		Vide Total executed Quantity from premeasuremet Page no.								1841.51		
									Total Executed Qty	1841.51		
									Tender Qty	1947.50		
									Now to be Paid	1841.51	5.00	9208.00
Item no.11		Providing and applying tack coat using 80/100 grade bitumen(VG10) on the prepared black topped surfaces at 2.5 kg per 10 sqm, heating bitumen in boiler fitted with spray set (excluding cleaning of road surface) including cost of all materials, labour, HOM complete as per specifications and as per the directions of the Engineer-in-charge of the work										
			Sqm									
		Vide Total executed Quantity from premeasuremet Page no.								1841.51		
									Total Executed Qty	1841.51		
									Tender Qty	1947.50		
									Now to be Paid	1841.51	15.00	27623.00

Sweetha. N K
AE W10

Contactor

Assistant Engineer

Assistant Executive Engineer
Vidyaranyapura Sub-Division
Bruhath Bengaluru Mahanagara Palike

MEASUREMENT SHEET
FIRST AND FINAL BILL

Measurements Taken On :

Chainage From	Chainage To	Description of Item	Unit	No	Length (m)	Breadth B1	Breadth B2	Breadth Avg B	Depth (m)	Quantity	Rate in RS.	Amount in RS.
Item no.12		Providing and laying bituminous concrete using crushed aggregates of specified grading, premixed with bituminous binder and filler, transporting the hot mix to work site, laying with a paver finisher to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction in all respects complete as per specifications and as per the directions of the Engineer-in-charge of the work.										
Measurements Taken On												
		MuneshwaraSwami layout										
		1st Main Road										
		From mahesh memorial School To # 12 Sannidhi House										
0	5.1		Cum	1	5.10	4.85	4.95	4.90	0.04	1.00		
5.1	11.7		Cum	1	6.60	4.95	4.75	4.85	0.04	1.28		
11.7	15		Cum	1	3.30	4.35	4.45	4.40	0.04	0.58		
15	30		Cum	1	15.00	4.45	4.50	4.48	0.04	2.69		
30	41.9		Cum	1	11.90	5.15	4.65	4.90	0.04	2.33		
		1st Main Road										
		From House No 15 to G.A Medical Shop										
0	15		Cum	1	15.00	4.85	5.15	5.00	0.04	3.00		
15	30		Cum	1	15.00	5.15	4.20	4.68	0.04	2.81		
30	45		Cum	1	15.00	4.20	4.40	4.30	0.04	2.58		
45	60		Cum	1	15.00	4.40	4.65	4.53	0.04	2.72		
60	75		Cum	1	15.00	4.65	4.95	4.80	0.04	2.88		
75	90		Cum	1	15.00	4.95	4.75	4.85	0.04	2.91		
90	100.8		Cum	1	10.80	4.75	5.00	4.88	0.04	2.11		
		1st main to 2nd Main Connecting Road										
		From 1st main to 2nd main Road										
0	14		Cum	1	14.00	5.60	5.55	5.58	0.04	3.12		
14	26.5		Cum	1	12.50	4.90	5.25	5.08	0.04	2.54		
26.5	32.5		Cum	1	6.00	5.40	5.90	5.65	0.04	1.36		
		5th Cross Road										
		From Lakshmi Nivas to #15 Narayan Swamy Nilaya										
0	15		Cum	1	15.00	3.90	3.95	3.93	0.04	2.36		
15	16.6		Cum	1	1.60	3.45	3.20	3.33	0.04	0.21		
16.6	30		Cum	1	13.40	3.70	4.30	4.00	0.04	2.14		
30	44		Cum	1	14.00	4.30	4.85	4.58	0.04	2.56		
44	53.4		Cum	1	9.40	4.45	4.65	4.55	0.04	1.71		
53.4	60		Cum	1	6.60	5.00	5.30	5.15	0.04	1.36		
60	62		Cum	1	2.00	5.30	5.10	5.20	0.04	0.42		
62	75		Cum	1	13.00	4.60	4.80	4.70	0.04	2.44		
75	90.6		Cum	1	15.60	4.70	3.90	4.30	0.04	2.68		
90.6	94.9		Cum	1	4.30	5.30	4.90	5.10	0.04	0.88		
94.9	100.5		Cum	1	5.60	4.05	4.55	4.30	0.04	0.96		
100.5	103.4		Cum	1	2.90	6.25	5.20	5.73	0.04	0.66		
103.4	115		Cum	1	11.60	4.75	4.50	4.63	0.04	2.15		
115	127		Cum	1	12.00	4.50	4.50	4.50	0.04	2.16		
127	132.8		Cum	1	5.80	5.25	5.35	5.30	0.04	1.23		

57.82

C&RC. 2/2/18 E.E. (NTH. EAST) BBMP

ASSISTANT EXECUTIVE ENGINEER Vijayanagar Sub-Division Bruhath Bengaluru Mahanagara Palike

Contactor

Assistant Engineer

Assistant Executive Engineer

MEASUREMENT SHEET
FIRST AND FINAL BILL

Measurements Taken On :

Chainage From	Chainage To	Description of Item	Unit	No	Length (m)	Breadth B1	Breadth B2	Breadth Avg B	Depth (m)	Quantity	Rate in RS.	Amount in RS.
		Cross Road										
		From #23 Dwaraka House to #8 Halcyon Nest House										
0	8		Cum	1	8.00	3.30	3.40	3.35	0.04	1.07		57.82
8	18.2		Cum	1	10.20	3.40	3.40	3.40	0.04	1.39		
18.2	30		Cum	1	11.80	4.30	4.45	4.38	0.04	2.07		
30	45		Cum	1	15.00	4.45	4.20	4.33	0.04	2.60		
45	49		Cum	1	4.00	5.20	5.20	5.20	0.04	0.83		
49	61		Cum	1	12.00	4.70	4.75	4.73	0.04	2.27		
		Cross Road										
0	8.1		Cum	1	8.10	6.70	6.70	6.70	0.04	2.17		
8.1	9.7	**Culvert**	Cum	1	1.60	0.00	0.00	0.00	0.00	0.00		
9.7	19.3		Cum	1	9.60	3.75	4.40	4.08	0.04	1.56		
19.3	30		Cum	1	10.70	4.40	4.90	4.65	0.04	1.99		
		Deduction										
		Ugd Chamber	Cum	-4	0.64				0.04	-0.10		
					Area of Circle =(3.14X0.9²)/4=0.64							
										Total Executed Qty	**73.66**	
										Tender Qty	**77.90**	
										Now to be Paid	**73.66**	**10000.00** **736605.00**

Item no.13	**Road Marking with Hot Applied Thermoplastic Compound with Reflectrising Glass Beads on Bituminous Surface/ Concrete Surface: Providing and laying of hot applied thermoplastic compound 2.5 mm thick including reflectorising glass beads at 250 gms per sqm area, thickness of 2.5 mm is exclusive of surface applied glass beads as per IRC:35 standards specified. The finished surface to be level, uniform and free from streaks and holes complete as per specifications. and as per the directions of the Engineer-in-charge of the work.**
Measurements Taken On	

		MuneshwaraSwami layout										
		1st Main Road										
		From mahesh memorial School To # 12 Sannidhi House										
0	5.1		Sqm	2	5.10	0.10	0.10	0.10		1.02		
5.1	11.7		Sqm	2	6.60	0.10	0.10	0.10		1.32		
11.7	15		Sqm	2	3.30	0.10	0.10	0.10		0.66		
15	30		Sqm	2	15.00	0.10	0.10	0.10		3.00		
30	41.9		Sqm	2	11.90	0.10	0.10	0.10		2.38		
		1st Main Road										
		From House No 15 to G.A Medical Shop										
0	15		Sqm	2	15.00	0.10	0.10	0.10		3.00		
15	30		Sqm	2	15.00	0.10	0.10	0.10		3.00		
30	45		Sqm	2	15.00	0.10	0.10	0.10		3.00		
45	60		Sqm	2	15.00	0.10	0.10	0.10		3.00		
60	75		Sqm	2	15.00	0.10	0.10	0.10		3.00		
75	90		Sqm	2	15.00	0.10	0.10	0.10		3.00		
90	100.8		Sqm	2	10.80	0.10	0.10	0.10		2.16		
												28.54

ASSISTANT EXECUTIVE ENGINEER Srirangapura Sub-Division Bruhath Bengaluru Mahanagara Palike

ASSISTANT EXECUTIVE ENGINEER Srirangapura Sub-Division Bruhath Bengaluru Mahanagara Palike

Contactor

Assistant Engineer

Assistant Executive Engineer

MEASUREMENT SHEET
FIRST AND FINAL BILL

Measurements Taken On :

Chainage From	Chainage To	Description of Item	Unit	No	Length (m)	Breadth B1	Breadth B2	Breadth Avg B	Depth (m)	Quantity	Rate in RS.	Amount in RS.
		1st main to 2nd Main Connecting Road										
		From 1st main to 2nd main Road										
0	14		Sqm	0.5	14.00	0.10	0.10	0.10		0.70		28.54
14	26.5		Sqm	0.5	12.50	0.10	0.10	0.10		0.63		
26.5	32.5		Sqm	0.5	6.00	0.10	0.10	0.10		0.30		
		5th Cross Road										
		From Lakshmi Nivas to #15 Narayan Swamy Nilaya										
0	15		Sqm	0.5	15.00	0.10	0.10	0.10		0.75		
15	16.6		Sqm	0.5	1.60	0.10	0.10	0.10		0.08		
16.6	30		Sqm	0.5	13.40	0.10	0.10	0.10		0.67		
30	44		Sqm	0.5	14.00	0.10	0.10	0.10		0.70		
44	53.4		Sqm	0.5	9.40	0.10	0.10	0.10		0.47		
53.4	60		Sqm	0.5	6.60	0.10	0.10	0.10		0.33		
60	62		Sqm	0.5	2.00	0.10	0.10	0.10		0.10		
62	75		Sqm	0.5	13.00	0.10	0.10	0.10		0.65		
75	90.6		Sqm	0.5	15.60	0.10	0.10	0.10		0.78		
90.6	94.9		Sqm	0.5	4.30	0.10	0.10	0.10		0.22		
94.9	100.5		Sqm	0.5	5.60	0.10	0.10	0.10		0.28		
100.5	103.4		Sqm	0.5	2.90	0.10	0.10	0.10		0.15		
103.4	115		Sqm	0.5	11.60	0.10	0.10	0.10		0.58		
115	127		Sqm	0.5	12.00	0.10	0.10	0.10		0.60		
127	132.8		Sqm	0.5	5.80	0.10	0.10	0.10		0.29		
		Cross Road										
		From #23 Dwaraka House to #8 Halcyon Nest House										
0	8		Sqm	0.5	8.00	0.10	0.10	0.10		0.40		
8	18.2		Sqm	0.5	10.20	0.10	0.10	0.10		0.51		
18.2	30		Sqm	0.5	11.80	0.10	0.10	0.10		0.59		
30	45		Sqm	0.5	15.00	0.10	0.10	0.10		0.75		
45	49		Sqm	0.5	4.00	0.10	0.10	0.10		0.20		
49	61		Sqm	0.5	12.00	0.10	0.10	0.10		0.60		
										Total Executed Qty	**39.86**	
										Tender Qty	**35.10**	
										Quantity Limited to	**35.10**	**500.00**	**17550.00**
Item no.14		**Dismantling of cement concrete pavement by mechanical means using pneumatic tools, breaking to pieces not exceeding 0.02 cum in volume and stock piling at designated locations and disposal of dismantled materials stacking serviceable and unserviceable materials seperately complete as per specifications. and as per the directions of the Engineer-in-charge of the work.**										
		Cum										
		Vide Total executed Quantity from premeasuremet Page no.								**96.21**		
										Total Executed Qty	**96.21**	
										Tender Qty	**96.44**	
										Now to be Paid	**96.21**	**300.00**	**28864.00**

ASSISTANT EXECUTIVE ENGINEER
Vidyaranyapura Sub-Division
Bruhath Bengaluru Mahanagara Palike

Smitha.N.K
AEW10

Contactor

Assistant Engineer

Assistant Executive Engineer

MEASUREMENT SHEET
FIRST AND FINAL BILL

Measurements Taken On :

Chainage From	Chainage To	Description of Item	Unit	No	Length (m)	Breadth B1	Breadth B2	Breadth Avg B	Depth (m)	Quantity	Rate in RS.	Amount in RS.
Item no.15		Cement concrete pavement.Construction of un-reinforced plain cement concrete pavement, using a grade concrete M30 over a prepared base with OPC coarse aggregate @ 0.69cum fine aggregate @ 0.46cum,coarse and fine aggregate confirming to IS:383-2016,with superplastisiser @3lts confirming to IS9103-2008mixed in a concrete mixer of not less than 0.6 cum capacity and appropriate weigh batcher as per approved mix design, laid in approved fixed side form work (steel channel, laying and fixing of 125 micron thick polythene film, wedges, steel plates including levelling the form work as per drawing). Spreading the concrete with shovels, rackers compacted using needle, screed and plate vibrator and finished in a continuous operation including provision of contraction, expansion, construction and longitudinal joints including groove cutting charges, joint filler, separation membrane, selant primer, joint sealant, admixtures as approved, curing compound, finishing to lines and grades, textured with texturing machine,and curing including cost of all materials,labour,hire chargedof machines,all lead and lift charges etc., complete as per specifications. and as per the directions of the Engineer-in-charge of the work.										
Measurements Taken On												
		Subbanna Layout										
		2nd E Cross Road										
		From West To East										
0	15		Cum	1	15.00	5.00	4.40	4.70	0.15	10.58		
15	25		Cum	1	10.00	4.40	4.00	4.20	0.15	6.30		
25	26.2		Cum	1	1.20	4.30	4.30	4.30	0.15	0.77		
26.2	30		Cum	1	3.80	3.70	4.00	3.85	0.15	2.19		
30	41		Cum	1	11.00	4.00	4.30	4.15	0.15	6.85		
41	46.3		Cum	1	5.30	4.00	4.40	4.20	0.15	3.34		
46.3	60		Cum	1	13.70	4.40	4.30	4.35	0.15	8.94		
60	75		Cum	1	15.00	4.30	3.90	4.10	0.15	9.23		
75	83.7		Cum	1	8.70	3.90	3.40	3.65	0.15	4.76		
83.7	84.8		Cum	1	1.10	3.40	3.00	3.20	0.15	0.53		
		Doddabommasandra 4th Stage										
		1st Cross Road										
		From Dead End										
0	2.2		Cum	1	2.20	3.70	4.00	3.85	0.15	1.27		
2.2	4.3		Cum	1	2.10	3.30	3.50	3.40	0.15	1.07		
4.3	15		Cum	1	10.70	4.10	4.90	4.50	0.15	7.22		
15	25.1		Cum	1	10.10	4.90	5.15	5.03	0.15	7.61		
25.1	27		Cum	1	1.90	5.15	5.35	5.25	0.15	1.50		
										Total Executed Qty	72.16	
										Tender Qty	72.33	
										Now to be Paid	72.16	5500.00	396873.00
										SUB TOTAL AMOUNT		1928694.00
										Add GST @ 12%		231444.00
										TOTAL AMOUNT		2160138.00

CAFE

ASSISTANT EXECUTIVE ENGINEER
Vidyaranyapura Sub-Division
Bommanahalli Bengaluru Mahanagara Palike

Suresh. N L
AE W10 -

Contractor

Assistant Engineer

Assistant Executive Engineer